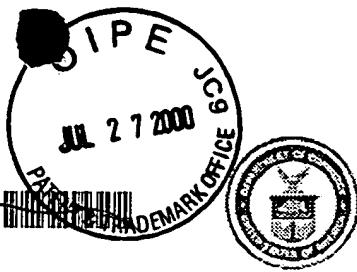


FORMALITIES LETTER


OC00000005137868

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/532,536	03/22/2000	Behrouz Farhang-Boroujeny	NUSING.002A

20995
KNOBBE MARTENS OLSON & BEAR LLP
620 NEWPORT CENTER DRIVE
SIXTEENTH FLOOR
NEWPORT BEACH, CA 92660

Date Mailed: 05/24/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- Small Entity Statement is missing.
- The balance due by applicant is \$ 65.

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

65.00 0P
00000005 09532536
07/28/2000 ADDITION
01 FC:205
5/24/00 12:10 PM



Sector \$
PATENT

Case Docket No. NUSING.002A
Date: July 24, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Farhang-Boroujeny et al.

App. No. : 09/532,536

Filed : March 22, 2000

For : METHOD AND
APPARATUS FOR ECHO
CANCELLATION IN AN
ASYMMETRIC
COMMUNICATON
SYSTEM

Group Art Unit : 2739

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

July 24, 2000

(Date)

Mark M. Abumeri, Reg. No. 43,458

TRANSMITTAL LETTER

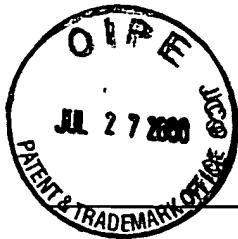
**ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231**

ATTENTION: BOX MISSING PARTS

Dear Sir:

In response to the Notice to File Missing Parts of Application Under 37 CFR 1.53(f), which was mailed by the Office on May 24, 2000, enclosed are:

- An executed Declaration by Inventor(s).
- A Power of Attorney Form and Copy of Assignment.
- A verified statement to establish small entity status under 37 CFR 1.9 and 1.27.
- A Notice to File Missing Parts.
- Return prepaid postcard.



PATENT

Case Docket No. NUSING.002A
Date: July 24, 2000

Fees as calculated below:

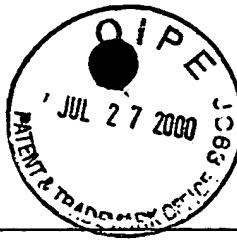
SURCHARGE 37 CFR 1.16(e)	\$ +130
TOTAL OF ABOVE CALCULATIONS	\$ 130
REDUCTION BY 1/2 FOR FILING BY SMALL ENTITY.	
Note 37 CFR 1.9, 1.27, 1.28. If applicable, verified statement must be attached. \$ - 65	
TOTAL FEES SUBMITTED HEREWITH	\$ 65

A check in the amount of \$65 to cover the above fees is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment, to Account No. 11-1410. A duplicate copy of this sheet is enclosed.



Mark M. Abumeri
Registration No. 43,458
Attorney of Record



SH/2739
PATENT

Case Docket No. NUSING.002A
Date: July 24, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Farhang-Boroujeny et al.

Appl. No. : 09/532,536

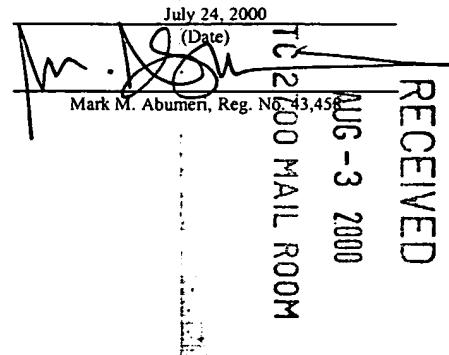
Filed : March 22, 2000

For : METHOD AND
APPARATUS FOR ECHO
CANCELLATION IN AN
ASYMMETRIC DIGITAL
DATA COMMUNICATION
SYSTEM

Examiner : Unknown

Group Art Unit : 2739

I hereby certify that this correspondence and all
marked attachments are being deposited with the
United States Postal Service as first class mail in
an envelope addressed to: Assistant Commissioner
for Patents, Washington, D.C. 20231, on



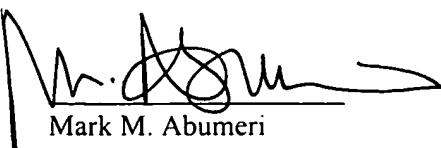
TRANSMITTAL LETTER

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231
ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with four (4) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410. A duplicate copy of this sheet is enclosed.
- (X) Return prepaid postcard.


Mark M. Abumeri
Registration No. 43,458
Attorney of Record

S:\DOCS\IMMA\IMMA-2396.DOC
062200



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Farhang-Boroujeny et al.

Appl. No. : 09/532,536

Filed : March 22, 2000

For : METHOD AND
APPARATUS FOR ECHO
CANCELLATION IN AN
ASYMMETRIC DIGITAL
DATA COMMUNICATION
SYSTEM

Examiner : Unknown

Group Art Unit : 2739

I hereby certify that this correspondence and all
marked attachments are being deposited with the
United States Postal Service as first class mail in
an envelope addressed to: Assistant Commissioner
for Patents, Washington, D.C. 20231, on

July 24, 2000
(Date)
Mark M. Abumeri, Reg. No. 43,458

RECEIVED
AUG -3 2000
JC 2700 MAIL ROOM

TRANSMITTAL LETTER

ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, D.C. 20231

ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with four (4) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410. A duplicate copy of this sheet is enclosed.
- (X) Return prepaid postcard.

Mark M. Abumeri
Registration No. 43,458
Attorney of Record